

From: Richard Hyde
To: [Coleman, Sam](#)
Subject: Fwd: Initial - Potential Air Release, Explosion, Fire/R12/Arkema Crosby Plant - Notification of Significant Incident
Date: Tuesday, August 29, 2017 10:49:31 PM
Attachments: [NRC#1188740.msg](#)
[ATT00001.htm](#)

Sent from my iPhone

Begin forwarded message:

From: Guadalupe Quiroz <guadalupe.quiroz@tceq.texas.gov>
Date: August 29, 2017 at 10:12:42 PM CDT
To: HSNotify <HSNotify@tceq.texas.gov>
Subject: Initial - Potential Air Release, Explosion, Fire/R12/Arkema Crosby Plant - Notification of Significant Incident

TCEQ Notification Type: Notification of Significant Incident

Notification Status: Initial

General Incident Information:

Type of Incident: Potential Air Release/Discharge/Fire/Explosion

Date: 8/29/2017

Time Incident Started: Approximately 11:00 p.m. on 8/28/2017

Time TCEQ Notified: The Houston Region ER Team was monitoring media outlets overnight, saw a media outlet's report about a possible discharge/explosion/fire risk at the Arkema Crosby Plant (Arkema), and achieved positive contact at 6:32 a.m. today. The attached NRC report was filed by the Military at 3:35 p.m. today.

TCEQ Region: 12- Houston

Responsible Party (RP)/Regulated Entity Information/Incident Location

RP/Regulated Entity Name: Arkema Crosby Plant (Arkema)

RN Number: 100210301

Incident location: 18000 Crosby Eastgate Rd.

City: Crosby

County: Harris

RP Contact Name and Information: Jean-Marie Cencetti (610-878-6632)

Specific Incident Information:

Description of Event / Cause: Arkema produces and stores various materials for the production of liquid organic peroxides. The organic peroxides require refrigeration as they may explode from heat, shock, friction, or contamination. Due to the heavy rains in the Houston Region, Arkema currently has approximately 6 ft of standing water on the plant's site; these conditions and the loss of power at the plant compromised the refrigeration system of the peroxides.

Arkema personnel transferred on-site organic peroxides to eight (8) diesel fueled trailers equipped with refrigeration and temperature monitoring systems. Five (5) out of the eight (8) refrigeration trailers no longer have cooling capabilities. One (1) of the five (5) refrigerated trailers floated and was moved by floodwaters; it is currently still

within facility boundaries, up against an on-site warehouse, and its chiller is working. The interior temperatures of six (6) of the eight (8) refrigerated containers are being remotely monitored. The interior temperatures of the remaining two (2) refrigerated trailers cannot be remotely monitored for reasons currently unknown by the company. Arkema stated that the site is currently stable, but an explosion may occur if the various organic peroxide products in the eight (8) trailers are not maintained at the temperatures required to prevent self-ignition. The company representative said that Arkema has been in communication with the Department of Homeland Security and Crosby Fire Department with support from Harris County Office of Emergency Management.

Harris County Emergency Management and the Crosby Fire Department have been in contact with the SOC.

Material Released: No release has occurred

Amount Released: No release has occurred

Affected Media: Potentially Air, Land, and Water

Injuries or Fatalities: None

Other Risks: Explosion, Fire, Air Release

Current Response:

TCEQ Response: Emergency Response Coordinator (ERC) Catherine Sotelo and Emergency Response Work Leader (ERWL) Guadalupe Quiroz

TCEQ Responder Name and Contact Information: Guadalupe Quiroz (713-409-2517)

Incident Commander Name and Contact Information: Not established at this time

Other Federal, State, or Local Authorities on Site: Unknown at this time

Other Pertinent Information, If Applicable:

Weather: Hurricane Harvey/71 degrees Fahrenheit and Rain

Wind Direction: E at 6 mph

Potentially Impacted Receptors: Surrounding rural residential and industrial community. Residents within 1.5 miles of Arkema have been evacuated; reports conflict as to whether the evacuation is due to flooding or the situation at Arkema.

Other: None

**** PLEASE NOTE:** This notification is based on the initial report of a spill / release / emission event / threat / or other such occurrence received by TCEQ. Since this notification may contain preliminary information, the TCEQ cannot verify the types or quantities of releases at this time and cannot make any definitive determination about the potential danger to human health or the environment as a result of this release. Specific chemicals, quantities, and the identified risk to human health and safety or environment may change as more information becomes available. TCEQ is providing the information available for the incident at the time of the notification. Staff may not have all the information requested on this Template.